

Caltech-JPL Collaboration – Complementary Strengths

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JPL was born from Caltech Student/Faculty Activities Dating back to 1936

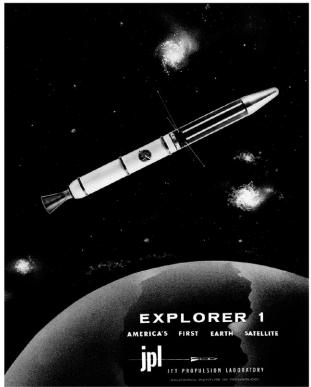


Above: In 1936 a team of Caltech students and researchers began rocket experiments at a rugged test site that grew to become JPL.

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Fist successfully launched US satellite in 1958 was built at JPL





Explorer 1 became the first successfully launched satellite by the United States when it was sent to space on January 31, 1958. A quick response to the Soviet Union's launch of Sputnik 1, Explorer 1's success marked the beginning of the U.S. Space Age. Right: A model of Explorer 1, held by JPL's Director William Pickering, scientist James Van Allen and rocket pioneer Wernher von Braun.

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Caltech – JPL Connection

Selected Caltech Faculty have Joint Appointments at JPL JPL Scientists and Engineers Collaborate with Caltech Faculty

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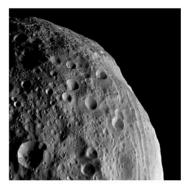
Jet Propulsion Laboratory

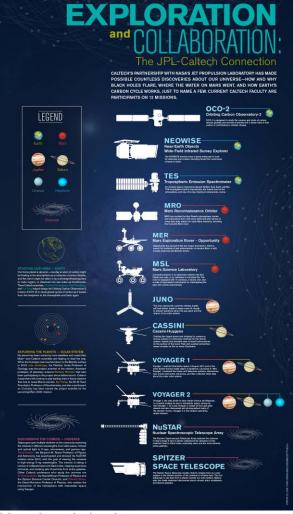
Founded by Caltech faculty, NASA's Jet Propulsion Laboratory (JPL) is a division of Caltech and is the leading U.S. center for the robotic exploration of the solar system. Working together, Caltech's and JPL's innovative researchers and technicians are shedding new light on our solar systems' origins and are building knowledge not only of distant planetary environments, but of Earth and its atmosphere as well. JPL is currently responsible for conducting missions with more than two dozen spacecraft.

Caltech and JPL have engaged in more than 200 funded collaborations and joint appointments of faculty, lecturers, and visitors. Students and faculty also are involved in space exploration through five NASA facilities at Caltech:

- · The Infrared Processing and Analysis Center (IPAC)
- The NASA Exoplanet Science Institute (NExScI)
- . The Spitzer Space Telescope
- The NASA Herschel Space Observatory
- The Nuclear Spectroscopic Telescope Array (NuSTAR)

News about Caltech/JPL Collaborations





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Collaboration between Caltech and JPL Continues to grow stronger

- Over 200 Funded Collaborations between Caltech Faculty and JPL Scientists and Engineers
- Several Joint Appointments
- Caltech Professors on Assignment in Executive Positions such as the JPL Chief Scientist
- Student Programs such as SURF
- Targeted Funding to strengthen JPL and Caltech Complementary Collaborations.
- JPL Scientists and Engineers have opportunity to Teach at Caltech
- Caltech Faculty have been involved in many JPL Missions as Project Scientists and Science Team Members, while conducting their teaching and research activities.